

## RACE CAR AND TRACK

### ABSTRACT

A toy race car and track system are disclosed having illuminated portions in the car and the track that are illuminated by light sources based on movement of the car on the track. The car includes a pull-back motor and has translucent windows for display of the light source inside the car. The track is a modular track system having interchangeable track portions and other parts. The track system includes a jump and a gauge for measuring the height of a vehicle on the jump. The gauge illuminates when the car travels through it and includes a break-away sign at the end of the gauge that detaches when the car reaches the end. The track system also includes a jump and loop portion, in which the jump launches the car upside down toward one of a plurality of loops that catch the car and redirect it back toward the jump. The car then is launched from the jump to an inner loop to decreased jump speed, and the process repeats until the car no longer has sufficient speed to reach the loops. The track system also includes a criss-cross loop for use with two cars at the same time, operated by start gates. The cars travel on separate tracks toward the loop, at which point they are directed toward each other on a single track, at which point they either crash or proceed into a funnel portion that determines a winner of the race.

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